

Technical Information



MEGOL™ I A 80 C UG

Overview

TPS-SEBS compound

Physical	Nominal Value (English)	Nominal Value (SI)	Test Method
Density	1.17 g/cm ³	1.17 g/cm ³	ASTM D792
Melt Mass-Flow Rate (MFR) (190°C/5.0 kg)	14 g/10 min	14 g/10 min	ASTM D1238
Mechanical	Nominal Value (English)	Nominal Value (SI)	Test Method
Tensile Strength ¹ (Break)	1440 psi	9.90 MPa	ASTM D638
Tensile Elongation ¹ (Break)	780 %	780 %	ASTM D638
Elastomers	Nominal Value (English)	Nominal Value (SI)	Test Method
Tear Strength ² (Peak)	217 lbf/in	38.0 kN/m	ASTM D624
Hardness	Nominal Value (English)	Nominal Value (SI)	Test Method
Durometer Hardness (Shore A, 15 sec)	80	80	ASTM D2240
Additional Information	Nominal Value (English)	Nominal Value (SI)	
Shelf Life	12 month	12 month	
Injection	Nominal Value (English)	Nominal Value (SI)	
Rear Temperature	338 to 356 °F	170 to 180 °C	
Middle Temperature	347 to 374 °F	175 to 190 °C	
Front Temperature	365 to 401 °F	185 to 205 °C	
Nozzle Temperature	383 to 419 °F	195 to 215 °C	
Mold Temperature	86 to 113 °F	30 to 45 °C	

Notes

These are typical properties only and are not to be construed as specifications. Users should confirm results by their own tests.

¹ Type IV, 20 in/min (500 mm/min)

² Die C

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